New Munitions Industry in U. S. Would Equip Army As Fast As Mobilized in War Emergency

American Manufacturers, Supplying Europe's Warring Millions, Put This Nation in State of Preparedness Never before Attained—Military Observers on Foreign Battlefields Learn Miss Anthony Talked of "Eco-Numerous Secrets which War Department Uses to Advantage

virtually root them out like a volcano or mine. Thus high angle firing is nec-essary and the gun used must have the

In this connection it might be stated

that while ordnance officers maintain the greatest secrecy regarding it, a new explosive has been developed of tremen-

dous power particularly for trench war

fare. It is doubtful if any of this ex-plosive is being manufactured at this time, through fear of the formula be-

coming known, though it is reported that one United States arsenal is turning out and storing away the new explosive for

surprise purposes in the event of war,

along these lines as possible, and we

"The department is in close touch

in advance an organiza-hat we believe will be as ef-as that of any European army

in advance and in great quanti-

with the possible exception of Ger

Make 150 Autos Daily.

dustries of the country are turning out 150 of them a day. This means

army would require them.

quartermasters department

per cent.

fare.

"If we had the trained men in re-cause of the nature of the average road in the United States we must de-

as fast as we could mobilize it." s fast as we could mobilize it."

Velop a light gun and lighter mount.

This statement represents what the We are always working on this problem.

Pringing-up of a war munitions in
"What we have decided upon, however. This statement represents what the springing-up of a war munitions industry in this country has done toward aiding the United States to prepare itself for war, and although the statement by a prominent officer in the Quartermaster Corps does not apply in toto beyond the problems of that corps, it does apply to large extent to the entire equipment of the army.

A careful investigation by The Her-

A careful investigation by The Herald shows that the period of time nec-essary to overcome our present unpreparedness in every department of the, military has been more than cut in half through the increase in capacity and output of industries making supplies for the European belligerents. This is one of the results of the first

ear of the great war as it affects our situation with respect to the The other result is that the military experts have learned from the war everything which the armies of the entente ailies have had to learn from Germany, as to advances in military equipment and methods of

Talks with representative officers of the three most important branches of the military service indicate to what extent this is true. Here is the statement of a high officer of the ordnance department, a statement which in every respect may be accepted as ex-

Need More Artillers.

respect to military equipment solve one roblem for us and present another. We find that we must have unward of 100 per cent more artillery per 1,000 infantismer and cavalrymen, and an even greater in crease in the rounds of ammunition pagun. On the other hand, we find that we can manufacture within a remarkebly short period of time as much ammu-nition for these guns as they reasonably might be expected to use per day of ac-tion, and that our output of guns has been very materially increased, though in this respect the increase has not kept with ammunition. Our potential eduction of ammunition has increased, the smaller sizes, tenfold, and in sizes for field guns and howitzers, at

curately at this time just what is have the present capacity of the private such industries of this country. Increases are going into effect all the time and with although the private manufacturers are keeping the department informed are keeping the department informed know the output of the confidentially as to their output and both on a normal basis and both on a normal basis. With this tion has been made, or could be made formation it has been possible short of a week's work by a corps of prepare in advance an organization. elerks and experts.

'In the first eleven months of the war our exports of cartridges, exploives and firearms impressed and a half million dollars for corresponding period a year ago, to hirty-seven and a half million dolin round numbers. All of the exof production therein repre-would be available for the States army in time of emerto prepare equipment tre-

se, theoretically, we should all necessary equipment stowed away before the is apparent, but with our syrappropriating, and with the mis which all Congresses seem immediately available This

ir equipment week it is as efficient in many respects more efficient that with which the European semies entered the war. This is par-ticularly true of our machine guts and two field pieces-the inch and the 47 tand the beld guns. Both of these lest tanned guns will have a greater range and a higher angle of fire than any sece of similar size abroad with the the Italian name, which adopted the carriage we have adopted giving this ugher angle and increased range.
"Our newly adopted machine gun. the Vickers is the equal if not th course we have not anything like he number of these pieces peressars the equipment of a defensive army but with a loosening-un of the purse strings by Congress, we hope to acquire the necessary reserve within two years, and that means the cutin half of the period formerty

One of the lessons in this respect, however, is the necessity for an inof 100 per cent in field pieces in the number of machine guns.

Want Mobile Guns.

"I do not think that the European has developed the necessity as far as this country is concerned for increasdeveloped a piece firing a heavy greater mobility than anything so far shown abroad, there is no erring nechanges in the types of sed. We can duplicate anyused abroad it we find it wise,

Newspaper in Holland Tells About

Death of Several People

at Liege.

ovement of German troops to the al-

Our comparriots died like heroes, They

bandaged before being led out to execu-

tion. The woman, Mme. Louise Frenay, of whom it is only known that she tried

in a state of superb patriotic excite-

well-informed states that her stinging re-

marks were like a lash for the execu-

first volley, she sank to the ground cry-

with his revolver in order to silence her.

take some letters into Holland, was

correspondent who appears to be

and all refused to have their eyes

DESCRIBES KILLING

Special Cable by The Washington Berald.

knowledge has been possible through branch for the army has never been but what we want is a gun which fires knowledge has been possible through branch a heavy explosive at long range and, the co-operation of manufacturers and reached. with hope, her husband's body was al-The newspaper contradicts the state-OF BELGIAN SPIES nent that the Kaiser caused a proclamaion to be posted up on the walls of Liege

expressing his disapproval of what has

"We know approximately where the

ing carried out.

Paris, July 21 - A Belgian newspaper published at Haestricht, Holland, by a Legion of Women. group of fugitive newspaper men from Liege describes as follows the recent ex-A resolution indorsing the W

ecution of a woman and eight men at Liege on charges of trying to reveal the section of the Navy League and its pariotic mission of uniting the women of quate national defense against foreign aggression was unanimously passed at a and the store was a scene of activity session of the Loyal Legion of Women all day. It is announced that the sale the country in the work of securing adeof the District of Columbia at the Hotel The resolution was introduced by Miss

Grace Pierce, registrar of the D. A. R., who is also a member of the Loyal Legion, and was put by Mrs. Ada H. Weiss, president of the organization Over 2,000 women of the Distric Columbia were represented at the meet-

on the eve of the execution a sum of money for the release of her husband. Her offer was accepted, and she was told to bring the few thousand frances at noon sext day. When Mime Lenders arrived with the money, her heart beating high

others and without the large clerical force which a more accurate grasp would demand." at the same time can be moved more

The shipment of horses to Europe is a source of real worry to all army officials, particularly those of the quartermaster department. In an eleven month period shipments of horses in-creased from 21,000 to 249,000, while shipments of mules in the same period went up from 4,639 to 52,872.
"The European supply of horses vir

tually was wiped out during the first months of the war," declared a high staff officer, "and if the war continues for another year the cream of American saddle and draft horses will fol-low their European brothers." It is not improbable that an emof a howitzer. We have increased the angle of our field gun carriages by 100

bargo on the shipment of mares fi per cent, thus increasing the range, for remount breeding purposes will be at the same time by 70 per cent. And urged upon Congress at Die coming our experiments with new explosives are satisfactory." session.

The Signal Corps-the eyes of the army—has derived less immediate ben efit from the European war than any of the important branches. It has learned one lesson, however, of vital importance—that the field telephone, thought to have been rendered almost unnecessary by the field radio, has again become of almost paramount importance through the developments of rench warfare.

Col. Squier Observer.

Lieut, Col. eGorge O. Squier, forme assistant chief signal officer of the army, has been abroad as an observer will be prepared to feed, supply, equip and transport an army as fast as it can be mobilized in the event of war." and transport as a line can be mobilized in the event of war," declared a divisional chief in the quartermasters department, discussing the question of the theory that the army would have at least 500,000 trained men ready to take the field—reserves, militia and regulars.

"As our work is very largely a matter of organization, we have been able to apply the lessons of the European war without resorting to Congress for immediate appropriations.

"We have prepared in minute defor the army. He has made careful as without resorting to Congress are immediate appropriations.

"We have prepared, in minute detail, a paper organization which, with a minimum of delay will bring to the service of the army all the resources in men and supplies of the industries in men and supplies of the industries time changes are presented.

"The second of the army all the resources in men and supplies of the industries time changes are presented surface communication between field the usefulness of aeroplanes in factor of the use of complicated entrenchments of a semi-permanent nature, but pushed so close to the hostilic entrenchment as to preclude easy surface communication between field "The importance of uninterrupted communications for the transporta-tion of ammunition and other supplies ions of field telephone service.

To quote Gen. Scriven, chief signal for a field army has been emphasized by the European war. Our observers there have obtained much information

officer of the army;

"It now appears that the actual game of war is played openly with have taken immediate advantage of such information. the cards on the table, and opportunity no longer is given for inference as to concealed movements or for surprise manufacturers of supplies which do be of use to the army. We the output of each factory, on a normal basis and on emergency basis. With this in-"Not only is the aeroplane invaluable in locating the position of the enemy, but it has especial value to a com-mander in finding his own troops, to keeping him informed when move-ments are taking place, of the posi-tion of his flanks and center, his outposts, his cavalry, of the positions attained by any detached body—in short, of keeping him constantly in ouch with the locations and movements of all of his troops under the changing conditions of war.

"This much is proved; but it not follow that the air craft curtails the work of reconnaissance of other "Take for instance our transport rvice. We know that the exports automobiles alone for eleven months arms of the service, the infantry, the signal corps, and, more especially, the cavalry. On the contrary it extends the usefulness and power of all. 1914 and 1915 increased from \$30,pproximately 100 per cent, is repre-"No move of concentration sented very largely in tractors and motor trucks. We know that whereas the United States army now has less wing nor re-enforcement of a weak position, should remain unknown inn 100 motor trucks for the transthe adversary in the case where he

tion of supplies over rough and open fields, the private in-es of the country are turning States army has at present not more that we could have necessary trucks than 3 aeroplanes, and the extension of faster than the mobilization of the private manufacture in this country to met the demands of the war approal as a street of tractors for the street of tractors for the street of tractors for the street of the street meet the demands of the war abroad ha

It is probable that similar action as Charlotte

contain, and of what use their con- been training enlisted men and officers

GLOBE CLOTHING CO. BUSY.

Men's Furnishers Employ Extra Clerks in Cut-price Sale.

The Globe Clothing Company, of \$60 ecutred, and ordering that all death Pennsylvania avenue, which has taken over the entire stock of men's clothing ntences or referred to him before beand furnishings of the old Value Shop

LAUDS NAVY LEAGUE AUXILIARY

of 631 Pennsylvania avenue, had a record day yesterday.

The goods went on sale in the morning at a 50 per cent cut in price. Many former salesmen of the Value Shop were retained to wait on the customers. Among these was Mr. Greenberg, formerly in charge of the Value Shop The announcement that every article of wearing apparel for men was to be

AUSTRALIA MAY SAVE EMDEN. Japanese Diver Will Have Charge of Salvage Work.

will continue until the entire stock is

London, July 31.-Australia is to undertake the salvage of the wrecked Gering: 'Vive Liege! Vive la Beligique!' and The women's section was also indorsed man cruiser Emden at Cocos Island, and regent of the Daughters of the Ameri-tan Revolution in the District of Co-tan Revolution in the District of Co-

FEMINIST IDEA SPRUNG IN 1860

nomic Independence" Wanted by Suffragists.

EDITORS FOUGHT THEM

Miss Hall Quotes Some Newspapers of Earlier Days and Argues Against Giving Vote.

By MISS FLORENCE R. HALL,

hairman, Public Interest Committee, Pennsylvania Association Opposed to Woman Suffrage. After the band of 199 men and women and succeeded in getting up the first declaration of sentiments" for women's ights in 1848 they were much surprised to find that their list of grievances met

lmost universal ridicule Even at that day women could not be ersuaded that they were "suffering" ery much. One of the most interesting editorials on it appeared in the Mechanics' Advocate, of Albany, some of which is worthy of reproduction:

We are sorry to see that the women several parts of this State are holding

that they call 'women's rights' conventions and setting forth a formidable list of those rights in a parody upon the Declaration of American Independence. "Now, it requires no argument to prove that this is all wrong. Every true-hearted woman will feel that it is un-womanly. Society would have to be raucarfed would have to be randly remodeled in order to accommodate the fit to so great a change in the most interest to so great a change in the social idea of the compact of the social elations of life, and the order of things stablished at the creation of makind and continued 6.00 years would be completely broken up. This change is impactly broken up. This ship is a big boat with up. This broken up. This change is impactly broken up. This ship is a big boat with up. This broken up. This ship is a big boat with up. This broken up. This broken

the chauffeurs for these trucks, and navy. This appropriation has lent tree had made women able to take care of have a complete set of regulations we have a complete set of regulations mendous impetus to aviation in the mendou dependence with a minimum of train- will be urged upon Congress for the army the present leader of feminism, this year.

The signal corps has as complete a list an that cannot take care of herself and as possible of a vilian aviators, furnished tone child." If she could, there wo private machines of the country are, as possible of civilian aviators, furnished one child. If she could, there would and what makes of machines can be by various seconducted societies, and still be two children too few-as the and what makes of machines can be most quickly mobilized for the transportation of troops over a section of a given topographical nature. We emergency, but the lack of the proper what private and commercial garages problem. While the signal corps has problem. While the signal corps has problem. While the signal corps has been training enlisted men and officers. "The same is true of other supplies to train them with, the limit in number at that time that outside of marriage, insofar as the acquisition of this set by Congress in creating an aviation there was nothing for the land of the set by Congress in creating an aviation there was nothing for the land of the except the elective franchise. Consequently, another "protracted search was made to find more grievances. They found that divorce was "more liberal" in the Western States, and, therefore, made that the basis of complaint. It sil disgusted Horace Greely so that in an editorial in the New York Tribune of May 14, 1860, he said: "Having introduced easy divorce as one of the reforms which the new order of things seems to demand " " we respectfully suggest that hereafter these meetings shall be called not in the name of woman, but in the names of wive contented.

Plenty of Money on Hand.

But even at that time, there was plenty sympathy-and money-for the wome thought they were suffering. stated that they had received contribution from an unknown friend."
had inherited a large sum from a
Boston merchant, and had gotten \$400,000

from the founder of Vassar. present promise of Mrs. Belont, the suffrage leader, of as high as sim a month to suffrage workers after a years' course in "suffering" seem pretty cheap when we learn by the his-tory of their movement that Henry Ward Beecher, a man, got his \$100 a speec in advance from the suffragists of that

And so, the agitation has been kept up. In 1888, when the Fifteenth Amend-ment was passed, the suffragists thought they could vote under it and organized their National Suffrage Association in 1850 in order to take out the word "male" of being one of the most which was then inserted into the Federal vage operators in Japan. Constitution. They have importuned evlast Vaughan is the contractor.

Harman Hitz of the Government coin if the legend can be credited.

Longest Way Round Is the Best Way to Go To the San Francisco Exposition and Back

Route Suggested Looks Like Ground Plan of a Piece of Pie, with the Isthmus of Panama at the Long Point-It Costs a Little More, but You Get Your Money's Worth, Says Writer Who Knows.

By GEORGE R. MINER.

For two years Sunday Editor of the Philadelphia roes, for four years Editor New York Herald, for a years special London correspondent of the New ork Herald, for three sears Sunday Editor of the New York Sun and formerly Editor of the Cosmo-E York Sun a litan Magazine. (Copyright, 1915.)

The most enjoyable way to go to the San Francisco Exposition and come back is to lay out a route that in shape looks like the ground plan of a piece of pie. with the Isthmus of Panama at the long point.

i made this statement to an English man on the ship, but it didn't get over. He politely thought about it a moment and then said:

has been cut up into pieces."

Anyway, my wiea is to loop North America, plow down the Atlantic, through the West Indies, across the Caribbean

amoirty. It was easy to see that the stewardsees were not in for any since of much more consequence than the stewardsees were not in for any since of the property of the prop

fect an ocean.

I suppose there is plenty of water underneath or the ship wouldn't splash it up on the sides, but you don't see much of it. This particular section of the There is a couple on their honeymoon of it. This particular section of the bounding main is thickly coated with all sorts of things that are not indigenous to billows. They are mostly familiar things, however, and make you feel quite at home on the deep. There are peach crates, bottles (both prohibition and licenses styles) disintegrated watermelons, bloated cats, damaged hits, beer kers. They hardly speak now. A couple of days more and they will positively loathe one another. As this is the would feel undressed without it. cense styles) disintegrated watermeions, tively loathe one another. As this is life would leel undressed without doctors, damaged hats, beer kegs, defunct doctors, broken chairs, old shoes, pasteboard boxes, melancholy mattresses and a lot of things that I couldn't recombined by and others know better—off Hat-least seven different languages. ognize. I didn't want to, either,

would be that the ship struck. It was a trained nurse who promoted this gambling and gathered in 10 cents each from us for the pool. I staked my 10 cents and the chance of winning 30 on it being a bunch of hay. The nurse played the favorite which was a whicky bettle as

BUILDING AT CHILLUM CASTLE HEIGHTS ACTIVE

Many Handsome Residences Are Being Constructed in Rapidly Growing Section.

Improvements in Chillum Castle Heights are going forward in a steady and substantial manner.

Mrs. Louisa K. Locke has just moved into her beautiful new residence, which

has just been completed, at Blair road and Kennedy street. Miss Augusta of the work is of a substantial nature and will add greatly to the desirability of this community as a center of beauti-Thompson has just occupied a splendid esidence which she had constructed or ful detached homes. concord avenue near First street north-

C. W. Sincell purchased three lots on Concord avenue, between North Capitol street and Blair road, and has com-menced the construction of a beautiful bungalow of large dimensions, to be finished with a field stone front, with large

were well down toward Atlantic

is fully old enough-took that quite to people have said so in her hearing and

she believed them.

We were well down toward Atlantic City before we ceased plowing a way fided to me that she had been operated through the flotsam and jetsam. Flot-sam and jetsam are nice, romantic words, altogether unsuitable for this mess that the New York street cleaners muss up the ocean with.

Ten minutes after I met her sne constitution on for appendicitis, doubtless to impress on me how fashionable she was. That's not what was the matter with "Cutie," though. The doctors blundered muss up the ocean with.

on board, mostly United Staters, as we Americans are chronic travelers, the most restless race in the world except the Bedouins. The real New Yorker, however, thinks he is simply camping out whenever he is off Manhattan Island. People from other American cities clock their homesickness by finding fault. The People from other American cities closk their homesickness by finding fault. The tenderfoot land traveler and the tender. It's mostly extreme, too. The nurse girl.

garbage game, is quite a remarkable per-son, wonderful, in fact. There are garbage game, is quite a remarkable person; wonderful, in fact. There are unumber of passengers who are remarkable to one way or another but she is sixteen years behind.

That's cruel, for Muriel is only 19. to the Isthmus, through the canal and up the rolling Parific to San Francisco; then come back across the wonderful Canadian Rockies and the back yards of Canada to Halifax. It a case of the longest way round being the best way there, two sides of the triangle on a water wagon instead of following the cinders all the way across the continent and back.

That's cruel, for Muriel is only 19.

When I first saw her in all her glory on deck as we pulled away from the dock, that highly-cultivated figure of hir is line. In fact, she has what is known as "pep." She is all alone and By the time we had reached the Windappractive knew no one on board until apparently knew no one on board until after we started. Now she knows everybody. I suspect her of being intellectual had. I suspect her of being intellectual and of traveling with her brains for a and of traveling with her brains for a fering from falling of the curves. companion. At that, she has more com-

Take my tip, girls, don't think you can

There is a couple on their honeymoon

ognize. I didn't want to, either.

One of the passengers got up a game, in which we bet on what the next article the ship—and there is no doubt about it—class."

think that he doesn't for care for is the ship—and there is no doubt about it—class."

favorite, which was a whisky bottle, as Her clothes were made on purpose in a they were in the great majority. they were in the great majority.

Nobody won that pool, however, as the in by the day and got \$2 per and her next object to scrape along the boat's meals. Those clothes would pass at par in side was a demolished baby carriage. The almost any Broadway "trottery." She is young and she is pretty and She is young and she is pretty and out.

Printing Office, has just let a contract to

Paul V. Mitchell for the construction of

beautiful two-story home on Longfel-

low street, near North Capitol street northwest, of unique and attractive de-

sign. It is expected that ground will be broken during the present week for this

dwelling, all of the preliminaries having

been settled. This house will overlook a large part of the city, being on a high

elevation, and will be a substantial ad-

dition to this section.

Longfellow street is now being graded

between North Capitol and First street,

and considerable improvements are being

made in other streets in this section. All

The new car line, which transfers at

of Chillum Castle Heights, and

Fourteenth and Kennedy streets to the

Fourteenth street line, is within one

close, it is not surprising to see this sec-

now that transportation facilities

tion growing so rapidly.

Ten minutes after I met her she con-

"I fancy I don't follow you. There is no water voyager always seem to think one point to a pie, you know. One simply they will be mistaken for blase globely trotters by belitting everything new to that now her slovenly slouch is as much myented the week of the dish. Possibly you them, from food to scenery.

he puts it. He says there's a bale of the waiting for any guy that knows how to

it 1111. He is what is known as a "wise guy. And by the same token Bessie is cazabo," or gazabess, rather, as she is horoughly beskirted, and can understand Buck's slang without a glossary, Bessie "the home town" and stewards are not looking, and downs a highball in three

Buck, however, has never been to sea before. Soon after we had got down to where the flying fish are, Buck came to me and asked, "Whattahell them little

"They're fish. Say, do the clams crow down

Alfred is Bucks opposite. He is taking sibly it's going to be at the expense of ours. He is as serious as the plume on list. In addition to his melancholy, he has monocle, an accent that's more English

Alfred makes no pretense at intelligence education, but he can say nothing in at thing that he doesn't know "The only objection to clean traveling,"

he said, "is that one is thrown in close association with everybody on board, and many of them are sure to be dreadfundedle class." This was an oration This was an oration for

Buck is inclined to turn his nose up at Alfred. No, he couldn't do that. couldn't turn up any more than it does If it did he would have to hold his hand over it when it rained to keep the water

HOUSE BURNS; FINDS GOLD. South African Farmer Discovere Fortune in Peculiar Place.

Cape Town, South Africa, July M .farm house burned down, the other day found under the spot where it had stood a number of metal bars encrusted with sand. Upon closer examination this proved to be soft and yellow. No time lost in having an assay made. then found that there were sixteen bars of nearly pure gold. Their value was ed letters Z. A. R., apparently representthe Kruger days.

Some people at once jumped to the conclusion that this was a portion of the millions which "Tom Paul" was supposed to have removed during the war. Many years ago there was a big robbery of gold from the mines, and :t ion of the booty.

There is a story in Paraguay that \$50. The exclamation, "Hurrah," 000,000 in treasure, with which an ex- originally a fighting shout, derived president started for the border after ; from the Slavonic "Hurraj." meaning revolution, is lying in wait for whoever finds it. There were seven carticada of to Paradise," the belief having bee

that valiant fighters went straight to

"Among the victims was a manufac-turer, Justin Lenders. His wife, suspect-ing what was going to happen, offered